

between lines 5 and 6, insert the following heading:

--BACKGROUND OF THE INVENTION--.

Page 2, between lines 4 and 5, insert the following heading:

--OBJECTS AND SUMMARY OF THE INVENTION--;

lines 5 and 6, delete in their entirety and substitute therefor --In light of the above, an object of the invention is to provide a method--;

lines 11-37, delete in their entirety and substitute therefor the following:

--This and other objects are attained in accordance with one aspect of the invention directed to a method of making secure the transmission of a message from an emitter device to a receiver device. The message is subdivided into n elementary units, where n is a number greater than 1. A logical property is defined in such a manner that for any elementary unit, the logical property when applied to an authentic elementary unit gives a logical value of the type true. The message is encrypted by encryption means of the emitter device using an encryption algorithm having a key so as to obtain an encrypted result. The encrypted result is transmitted by the emitter device to the receiver device. The encrypted result is decrypted by the receiver device using a decryption algorithm having a secret key so as to obtain a decrypted result. The decrypted result is subdivided into

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elementary units. The logical property is applied to the elementary units so as to obtain, for each unit, a logical value of the type true or the type false, and the message is considered as being authentic and uncorrupted providing the logical value of each unit is of the type true. Advantageously, the message is then stored.--

Page 3, between lines 32 and 33, insert the following heading:

--DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS--.

Q3
Page 6, line 5, after "false." insert }--The logical property P applied by receiver device R to the n elementary units of the decrypted program can be, for example, the interpretability of an elementary unit by the interpreter of a virtual machine contained in receiver device R. Logical property P can also be the executability of an elementary unit by receiver device R.--;

Page 12, after line 19, insert the following:

Q4
--Stated another way, at the beginning of the process, the computer has (or generates) 2 keys, one public key PKc and one private key PKd, and the card also has 2 keys, one public key CKc and one private key CKd. Afterwards, there is an exchange, with the computer sending its public key PKc plus the signature of PKc